![Edmund Optics Worldwide logo]

## TECHSPEC® 70R/30T NIR, C-Mounted Plate Beamsplitter



Stock **#49-689**   **1 In Stock**

⊖   1   ⊕     ₹27,630

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| Qty 1-4 | **₹27,630** each |
| Qty 5-9 | **₹24,210** each |
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### Product Downloads

### General

**Type:**
Standard Beamsplitter

**Beamsplitter Included:**
Standard 70R/30T NIR Plate Beamsplitter, 1 λ

### Physical & Mechanical Properties

**Construction:**
Plate

**Dimensional Tolerance (mm):**

+0.0/-0.25

**Extension Length (mm):**

38.0

**Housing:**

Black Anodized Aluminum

**Housing Dimension:**

38 x 38 x 50

## Optical Properties

**Coating Specification:**

Surface 2: Multi-Layer Anti-Reflection for Near-Infrared Region

**Reflection/Transmission Ratio (R/T):**

70/30

**Reflection/Transmission Tolerance (%):**

±5

**Substrate:** 

N-BK7

**Surface Flatness (P-V):**

1λ

**Surface Quality:**

60-40

**Wavelength Range (nm):**

700 - 1100

## Threading & Mounting

**Mount:**

C-Mount Enclosure

**Thread Type:**

C-Mount (1" x 32 TPI)

## Regulatory Compliance

**Certificate of Conformance:**

View

**Country of Origin:**

United States

**Imported By:**

Edmund Optics India Private Limited

# Product Details

- Pre-Mounted 90 Degree Interface
- Four C-Threaded Mounting Holes
- Several Beamsplitting Options Available
- Additional C-Mounted **Beamsplitters**, **Filters**, and **Mirrors** Available

TECHSPEC® C-Mounted Plate Beamsplitters are designed to simplify system integration. These mounted beamsplitters include a TECHSPEC® Plate Beamsplitter pre-mounted in an Aluminum cube designed to interface with C-Mount (1" x 32 TPI) systems. Each cube is configured with four C-threaded holes, one on each face, and a ¼–20 tapped hole on the base for post mounting. TECHSPEC® C-Mounted Plate Beamsplitters are available in 30R/70T, 50R/50T, and 70R/30R options for either the visible or near infrared spectrum.

The C-Mounted Visible Plate Beamsplitters are designed for the 400 - 700nm wavelength range and the C-Mounted NIR Plate Beamsplitters are designed for the 700 - 1100nm wavelength range.

**Note:** These products cannot be disassembled. For mounting an alternative beamsplitter in a C-Mount Cube, use either **#56-264** or **#56-265**.

# Technical Information

C

B

A

1-32 C-Mount
Thread 4 places

50.00mm

27.45mm
4 sides

19.00mm 4 sides

38.00mm Sq.

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